Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093653.D
Acq On : 14 Mar 2017 12:40
Operator : SJ/MA
Sample : PB97542BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97542BS

Manual Integrations APPROVED
mohammad
3/15/2017 5:39:01 PM

Quant Time: Mar 15 04:53:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	176901	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	747119	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	341260	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	614945	20.00	ng		0.00
75) Chrysene-d12	13.90	240	446975	20.00	ng		0.01
86) Perylene-d12	15.31	264	315220	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1344462	126.49	ng		-0.01
7) Phenol-d6	6.37	99	1687806	125.92	ng		-0.01
23) Nitrobenzene-d5	7.29	82	1138956	84.58	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	316263	142.24	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1689615	92.09	ng		0.00
78) Terphenyl-d14	12.84	244	1421054	82.66	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	164880	28.16	ng	#	79
3) Pyridine	2.89	79	411967	27.60	ng		87
4) n-Nitrosodimethylamine	2.86	42	288228	40.43	ng		80
6) Aniline	6.39	93	554748	30.16	ng		95
8) 2-Chlorophenol	6.50	128	499258	41.92	ng		96
9) Benzaldehyde	6.30	77	37931	3.00	ng		86
10) Phenol	6.39	94	670313	40.81	ng		93
11) bis(2-Chloroethyl)ether	6.45	93	566258	42.66	ng		89
12) 1,3-Dichlorobenzene	6.64	146	526069	38.59	ng	#	91
13) 1,4-Dichlorobenzene	6.72	146	551113	39.49	ng		99
14) 1,2-Dichlorobenzene	6.88	146	482667	39.05	ng		96
15) Benzyl Alcohol	6.88	79	362819	37.97	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	870908	39.49	ng		52
17) 2-Methylphenol	7.00	107	430673	42.76	ng	#	88
18) Hexachloroethane	7.21	117	191076	40.60	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	388198	42.13	ng	#	94
20) 3+4-Methylphenols	7.16	107	626588	47.96	ng	#	72
22) Acetophenone	7.13	105	716364	39.84	ng	#	99
24) Nitrobenzene	7.30	77	588571	38.89	ng		96
25) Isophorone	7.54	82	1072477	39.50	ng	#	93
26) 2-Nitrophenol	7.62	139	284312	41.18	ng	#	88
27) 2,4-Dimethylphenol	7.68	122	420821	37.47	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	709013	41.36	ng		99
29) 2,4-Dichlorophenol	7.89	162	433793	41.05	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	414532	36.89	ng		95
31) Naphthalene	8.02	128	1397984	37.34	ng		99
32) Benzoic acid	7.85	122	244412	41.87	ng		97
33) 4-Chloroaniline	8.10	127	332404	21.88	ng	#	93
34) Hexachlorobutadiene	8.14	225	223193	38.56	ng		98
35) Caprolactam	8.48	113	150522m	41.71	ng		
36) 4-Chloro-3-methylphenol	8.60	107	500215	44.35	ng		95
37) 2-Methylnaphthalene	8.72	142	924881	38.83	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	398622	42.78	ng		99
40) Hexachlorocyclopentadiene	8.86	237	187383	79.74	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	265267	45.56	ng		95
43) 2,4,5-Trichlorophenol	9.08	196	241116	38.60	ng	#	88
45) 1,1'-Biphenyl	9.18	154	1084694	43.63	ng		96
46) 2-Chloronaphthalene	9.21	162	889066	46.72	ng		97
47) 2-Nitroaniline	9.33	65	315182	46.85	ng		96
48) Acenaphthylene	9.62	152	1391025	44.32	ng		99
49) Dimethylphthalate	9.50	163	1078104	47.65	ng		100
50) 2,6-Dinitrotoluene	9.57	165	231626	46.66	ng	#	75
51) Acenaphthene	9.80	154	848224	45.71	ng		97
52) 3-Nitroaniline	9.75	138	172809	28.97	ng		84
53) 2,4-Dinitrophenol	9.88	184	184342	81.54	ng	#	69
54) Dibenzofuran	9.97	168	1144811	49.29	ng		98
55) 4-Nitrophenol	9.96	139	192774m	66.55	ng		
56) 2,4-Dinitrotoluene	9.98	165	312669	51.27	ng	#	80
57) Fluorene	10.31	166	902902	45.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	232754	52.79	ng		94
59) Diethylphthalate	10.20	149	1076467	49.78	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	401962	45.56	ng		94
61) 4-Nitroaniline	10.37	138	251401	41.22	ng		96
62) Azobenzene	10.46	77	1082487m	44.06	ng		
64) 4,6-Dinitro-2-methylphenol	10.40	198	139317	34.97	ng		85
65) n-Nitrosodiphenylamine	10.42	169	809978	39.45	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	250686	38.55	ng		98
67) Hexachlorobenzene	10.86	284	245700	39.57	ng	#	80
68) Atrazine	10.96	200	207265	34.49	ng		100
69) Pentachlorophenol	11.08	266	126928	59.21	ng		96
70) Phenanthrene	11.27	178	1343231	38.27	ng		99
71) Anthracene	11.33	178	1397525	39.36	ng		99
72) Carbazole	11.50	167	1322191	39.64	ng		98
73) Di-n-butylphthalate	11.82	149	1646431	42.66	ng	#	96
74) Fluoranthene	12.47	202	1402048	41.35	ng		93
76) Benzidine	12.61	184	357279	24.31	ng		97
77) Pyrene	12.69	202	1390272	42.77	ng		100
79) Butylbenzylphthalate	13.31	149	655663	47.91	ng		97
80) Benzo(a)anthracene	13.89	228	1144764	43.37	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	303317	32.81	ng	#	96
82) Chrysene	13.92	228	900302	36.87	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	894391	46.89	ng		100
84) Di-n-octyl phthalate	14.47	149	1408759	44.31	ng		97
85) Indeno(1,2,3-cd)pyrene	16.65	276	803309	39.30	ng	#	94
87) Benzo(b)fluoranthene	14.91	252	811834m	42.29	ng		
88) Benzo(k)fluoranthene	14.93	252	829848m	44.82	ng		
89) Benzo(a)pyrene	15.24	252	776483	44.26	ng	#	95
90) Dibenzo(a,h)anthracene	16.64	278	679400	46.81	ng	#	94
91) Benzo(g,h,i)perylene	17.05	276	730632	49.04	ng	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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